

"APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000515410008-7

AMERICA, etc.

A. In the field of national security, the United States has been successful.
B. In the field of national security, the United States has been successful.

C. In the field of national security, the United States has been successful.

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CIA-RDP86-00513R000515410008-7"

L 34123-66 EMT(M)/T/EMT(L)/TEL LDR(c) JD/JM SOURCE CODE: UR/0058/65/000/012/E043/E043
ACC NR: AR6017260

AUTHOR: Glinskiy, A. A.

TITLE: On the mechanism of the influence of ultrasound on the formation of primary crystallization centers in melts

SOURCE: Ref. zh. Fizika, Abs. 12E329

REF SOURCE: Sb. Primeneniye ul'traakust. k issled. veshchestva. Vyp. 20, M., 1964,
3-10

TOPIC TAGS: zinc, crystallization, ultrasonic effect, grain size, crystal lattice energy

ABSTRACT: An analysis is made of the possible causes of formation of fine-grain ingot structure and the decrease of the crystallization time under the influence of ultrasound. It is noted that one of such causes is the influence of ultrasound on the rate of creation of crystallization centers. It is proposed that the difference in the values of the specific free energy of the solid and liquid phases can be represented in the form of a sum of the energy which does not depend on the volume changes caused by the influence of the sound field, and the energy which depends on these changes. The specific free energy of deformation of the solid phase is calculated by means of a formula which is valid for a deformed solid isotropic body. The assumptions make it possible to derive, for the case when the crystallization occurs under isothermal conditions, relations for an estimate of the relative increase in

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L 34123-66

ACC NR: AR6017260

the number of crystallization centers and the decrease of the solidification time of the ingot when processed with ultrasound. An approximate calculation is made of the decrease in the crystallization time of Zn in an ultrasonic field, and is compared with published data. O. Abramov. [Translation of abstract]

SUB CODE: 20

Card 2/2

GERSHIKOV, Iosif Yakovlevich; GLINSKIY, Anatoliy Konstantinovich;
DIMASHKO, Aleksandr Dominikovich; KREVNEVICH, Anton
Aleksandrovich; D'YAKOVA, G.B., red.izd-va; LOMILINA,
L.N., tekhn. red.

[Electric mine winches and hoisting machines] Shakhtrye
elektricheskie lebedki i pod'emnye mashiny; spravochnik.
Moskva, Gospromtekhizdat, 1963. 447 p. (MIRA 17:2)

GERSHIKOV, Iosif Yakovlevich; GLINSKIY, Anatoliy Konstantinovich; DIMASHKO,
Aleksandr Dominikovich; KREVNEVICH, Anton Aleksandrovich; NAYDENKO,
I.S., otv.red.; D'YAKOVA, G.B., red.izd-va; ALADOVA, Ye.I., tekhn.red.

[Electric winches and hoists for mines; a manual] Shakhtrye elektri-
cheskie lebedki i pod'emnye mashiny; spravochnik. Moskva, Ugle-
tekhizdat, 1958. 484 p. (MIRA 12:3)

AMITAB, V.M., inst.; CHINHAIY, K.N., inst.; MATELOSHIT, T.K., inst.

Combined system of continuous production planning, lot size
and small-lot production. Machine tool design. 4:14-17 Sept 1964.
(HEER 17;10)

GLINSKIY, A.M.

Working association of scientists and practicing physicians
of the Kuibyshev epidemiological center. Sov.zdrav. 14 no.5:
14-18 S-0 '55.
(MLRA 8:12)

1. Nachal'nik sanitarnogo otdela Kuybyshevskoy GMS, kandidat
meditsinskikh nauk K.R.Sedov.

(PUBLIC HEALTH,
in Russia, hygienical-epidemiol.center at Kuibyshev
staff cooperation)

GLINSKIY, A.M.

Organization of the medical supply system and extension of the
pharmacy network during the building of the Kuybyshev Hydroelectric
Power Station. Apt.delo 6 no.3:3-5 My-Je '57. (MIRA 11:1)

1. Nachal'nik mediko-sanitarnogo otdela Upravleniya stroitel'stva
Kuybyshevskoy gidroelektrostantsii.
(KUYBYSHEV--PHARMACY)

GLINSKIY, A.M.

Medical and sanitary supervision of workers engaged in scanning the Volga River during the construction of the Kuibyshev Hydroelectric Station. Sov.zdrav. 16 no.4:48-51 Ap '57. (MLRA 10:8)

1. Nachal'nik mediko-sanitarnogo otdela Upravleniya stroitel'stva Kuybyshevskoy gidroelektricheskoy stantsii
(INDUSTRIAL HYGIENE,
in hydroelectric constructions in Russia (Rus))

GLINSKIY, A. N.

33545

K Voprosy O Rannikh Infedtsionnykh Oslozhnepiyakh Pri Ognestrel'nykh Fronikayushchikh Raneniyakh Cherepa. Trudy Kurskogo Gos. Med In-Ta, T. 11, Vyj. 2, 1948, c. 127-33

SO: Letopis' Zhurnal'nykh Statey, Vol. 45, Maskva, 1949

GLINSKIY, A. N.

"Delayed Operation in Penetrating Gunshot Wounds of the Scalp in an Army Area." Sub 25 Dec 51, Central Inst for the Advanced Training of Physicians.

Dissertations presented for science and engineering degrees in Moscow during 1951.

SO: Sum. No. 480, 3 May 51

GLIMSKIY, B.

Capital of agricultural science. Znan. sila 36 no. 5:10-11 My '61.
(MIRA 14:5)

(Moscow Province--Agricultural research)

GLINSKIY, B.

Tractor is picking up speed. Znan. sila 36 no. 2:6-7 F '61.
(MIRA 14:5)

Glinsky, B.
AUTHOR: Moskatov, P. G.

Call Nr: T 26.R9M58

TITLE: On the Road of Technical Progress (Po puti
tekhnicheskogo progressa)

PUB. DATA: Gosudarstvennoye izdatel'stvo politicheskoy
literatury, Moscow, 1957, 242 pp., 25,000 copies

ORIG. AGENCY: None given

EDITORS: Ekhin, P., Glinsky, B.; Tech. Ed.: Danilina, A.

PURPOSE: This book is intended for the general reader
interested in the technical progress of the USSR.

COVERAGE: This book is a summary review of the industrial
progress of the Soviet Union. It includes statistical
data on various aspects of industrial production and
contains useful data on plant locations, capacities,
labor force, etc. There are no references.

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On the Road of Technical Progress (Cont.) Call Nr: T 26.R9M58

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Card 2/3

On the Road of Technical Progress (Cont.)

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AVAILABLE: Library of Congress
Card 3/3

GLEN CO., INC., 121 W. 42nd Street, New York, NY 10036, has been listed with
SAC, FBI, Boston, Massachusetts, as a suspect in the Boston letterbomb
incident, Boston, Massachusetts.

Potential suspect identified as James J. Murphy, a licensed
notary public identified as having handwriting issues
similar to those found in the Boston letterbomb.
Murphy is deceased. (LFB 10/18/93)

SEGAL, Ya., metodist; SHPARTOV, M.; GLINSKIY, B.I.; PEREGUD, A.

Letters and notes. Zdrav.Bel. 8 no.7:92-93 Jl '62,

(MIRA 15:11)

1. Grodnenskiy oblastnoy Dom sanitarnogo prosveshcheniya (for Segal). 2. Zaveduyushchiy otdelom propagandy i agitatsii Klichevskogo rayonnogo komiteta Kommunisticheskoy partii Belorussii (for Shpartov). 3. Zaveduyushchiy Leshchinskim fel'dshersko-akusherskim punktom Minskoy oblasti (for Glinskiy).

(MEDICINE)

GLINSKIY, I. A. and LEBANZON, E. G.

"Changes in Cancer Epithelium in Explants of Mammary Glands of Mice Highly Susceptible to Cancer".

Uch. Zap Kiyevsk. N. -I. Rentgeno-radiol. I onkol. In-ta, No. 4, pp 83-89, 1953.

During the growth of the epithelium spontaneous mammary gland cancer of mouse A and of transplantates of this cancer, the authors observed the formation of a peculiar membrane located in several layers and combined with the cellular connections. During the rapid growth of the epithelial membrane, foci of cellular differentiation were encountered in the area of growth. Along with the large, clear, round cells, smaller cells and elongated, highly colored elements -- "dark cells" -- appeared in these foci. Peculiar buds consisting of three kinds of cells were both changes in the inherent properties of tumors under the influence of the environment and differentiations leading to the diminishing of malignancy.
(RZhBiol, No. 10, 1953)

SO: Sum No 884, 9 Apr 1956

POGONINOV, I.I.; GINDENY, I.A.; A. K. S., V.P.; M. VAS, E...

Studies on cell growth in monolayer cultures of the Dale strain
in a medium containing rabbit and bovine sera. Biul. ekspl. biol.
i med. 59 no.2:118-121 F 165. (MIL 18:7).

I. Otdel immunobiologii (zav. - deyatel'nyy chlen AMN SSSR
N.N. Zhukov-Verezhnikov) i gruppa eksperimental'nyy verfleptii
kletki (zav. S.S. Iarushhev) Instituta eksperimental'nyy bio-
logii (dir. - prof. I.S. Nayskiy) AMN SSSR, Moscow.

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CIA-RDP86-00513R000515410008-7

DATA SHEET

1. Subject: [REDACTED] (Name of subject) [REDACTED] (Title or rank) [REDACTED] (Address)

2. Date of birth: [REDACTED] (Day) [REDACTED] (Month) [REDACTED] (Year)
3. Place of birth: [REDACTED] (City) [REDACTED] (State) [REDACTED] (Country)

APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000515410008-7"

GLINSKIY, K.K., mekhanik-naladchik (Gor'kiy).

How to prolong the life of electric tools. Put' i put. khoz. no.10:
30 O '57. (MIRA 10:11)
(Railroads--Ties)

I 55961-65 EWT(m)/EPF(c)/EPF(n)-2/EPR/T/EWP(t)/EWP(b)/EWA(e) Pr-L/Ps-L/Pu-L
IJP(c) JD/WW/JW/JG UN/0363/65/01/002/0101/0203
ACCESSION NR: AP5009368 546.34!161+5 6.831 151

AUTHOR: Korenev, Yu. M.; Novoselova, A. V.; Glinskiy, K. K.; Shurnikov, V. V.

TITLE: Study of the lithium fluoride-zirconium tetrafluoride system

SOURCE: AN SSSR. Izvestiya. Neorganicheskiye materialy, v. 1, no. 2, 1965, 201-203

TOPIC TAGS: lithium fluoride, zirconium tetrafluoride, phase diagram, thermal analysis, x ray diffraction analysis

ABSTRACT: The LiF-ZrF₄ system was investigated by the differental thermal analysis and x-ray diffraction. Lithium fluoride and ammonium fluoromanganate were used for preparing the mixtures. After the removal of ammonium fluoride by distillation the specimens were placed in a platinum crucible with a tightly fitting cover and put into a furnace, which had been preheated above the melting point of the composition. Following melting the cooling curves were recorded. The gravimetric analysis indicated an insignificant loss of zirconium during the recording of the cooling curves. The phase diagram of the LiF-ZrF₄ system is shown in Fig. 1 of the Enclosure. Three compounds were found in this system: Li₄ZrF₉, Li₂ZrF₇ and Li₂ZrF₆.

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L 55961-65
ACCESSION NR: AP5009368

It was established that Li_3ZrF_8 is stable as a solid up to 460°C . Li_3ZrF_8 exists above 474°C . It melts congruently at 640°C . It was found that Li_2ZrF_6 is formed according to the peritectic reaction: melt $\text{Li}_3\text{ZrF}_8 \rightleftharpoons \text{Li}_2\text{ZrF}_6$. Orig. art. has 1 figure.

ASSOCIATION: Khimicheskiy fakul'tet Moskovskogo gosudarstvennogo universiteta im. M. V. Lomonosova (Chemistry Department, Moscow State University)

SUBMITTED: 24Oct64

ENCL: 01

SUB CONC: 10, SS

NO REF Sov: 002

OTHER: 004

Card 2/3

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APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000515410008-7"

GLINSKIY, N.T.; KIRKAYLOVA, N.A.

Comparison of calculated and observed elements of sea waves caused by wind. Meteor. i gidrol. no.5:40-43 By '62. (GIRD. 1:1)
(Waves) (Winds)

GLINSKIY, N. T.; BOGUSLAVSKY, S. G.

Effect of interior waves on vertical exchange in the ocean. Izv. AN SSSR. Ser geofiz. no.1: 1554-1560 O '63. (MIRA 16:12)

1. Morskoy godrofizicheskiy institut AN Ukr SSR.

GLINSKIY, N. T.

Internal waves in the northern Atlantic. Okeanologiya 3 no. 1: 13-17 '63.
(MIRA 17:2)

1. Morskoy godrofizicheskiy institut AN UkrSSR.

"APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000515410008-7

GLINSKIY, S.P.

Tomsk Technical School of Topography during 25 years. Geod.i kart.
no.3:67-69 My '56. (KRA 9:10)
(Tomsk--Topographical surveying--Study and teaching)

APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000515410008-7"

AUTHOR:

Glinsky, S.P.

1-11-3/13

TITLE:

The Organisation of the Topographic-Geodetic Secondary School Education in the USSR (Postanovka ogranichenija topografico-geodesicheskogo obrazovaniya v SSSR)

PERIODICAL:

Geodesiya i Kartografiya, 1957, Nro 11, pp. 63-66 (USSR)

ABSTRACT:

A survey is given of the development of this education during the past 40 years. At present 10 special secondary schools and some departments in other technical schools exist. The following are to be mentioned: the Moscow topographical polytechnic school, the Leningrad technical school, the technical school of Chkalov, the technical school of Tbilisi, the technical school of Saratov, and the technical school of Tomsk. At present 7000 persons are taught in these schools. Students which took the final examination have to study two and a half years there, those who passed only through 7 classes - 3 years and 9 months. From 1955 the demand for workers of middle qualification is entirely covered. From 1952 one and a half years courses were moreover introduced which annually accept up to 1000 persons. Four professional directions are distinguished in the curriculum: topo-

Card 1/2

THE ORGANISATION OF THE TOPOGRAPHIC-GEODETICAL SECONDARY SCHOOL EDUCATION IN
the USSR

graphic, geodetic, air-plane photometric and that for air photo-

GLINSKIY, S.P.

Organization of practical work at topographic technical schools.
Geod.i kart., no.7.62-66 Jl '62. (MIA 15:8)
(Topographical surveying--Study and teaching)

"APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000515410008-7

ROSHCHIN, Aleksey Nikolayevich, GRU GRU, Moscow, Russia.

[Orientation in prison] [redacted] [redacted] [redacted]
Moskva, Russia, [redacted] [redacted] [redacted]

APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000515410008-7"

GLINSKIY, V.A.

Mechanization in the painting; and drying; of all-metal passenger
cars. Sheldor, transp. tel no. 317-227 199.
(MIA 12:12)

1. Glavnyi inzhener vagonovozdushnoy svyazi, Khar'kov.
(Railroad-Passenger cars-Maintainance and repairs)
(Painting, Industrial)

Abdulla, Boris Anatol'yevich; VASIL'YEV, Vladimir Dmitriyevich;
GLI SKIY, Yevgeniy Yevgen'yevich; FEDOAEVA, T.N., et al.
[red.]

[New methods for the nonmetallic reinforcement of ber-

ches] Novye metody nemetallicheskogo krepleniya berovykh
skvazhin. Leningrad, Nauka, 1981. 108 p. (GLI A 17-5)

GLINKA, Paul,

Stages of the process of ore flotation in the Aktauhan ore
manifestation. Zap. Tek. i Sti. Nauch. Min. ob-va no.16(55-58) '64.
(MZhR 18;6)

FIALA, S.; GLINSMANN, W.

A unified concept of carcinogenesis. Neoplasma 10 no.1:83-96 '63.

I. Department of Pathology, Columbia University & Francis Delafield Hospital, New York, N.Y., U.S.A.
(NEOPLASMS) (DNA) (RNA) (CELL DIVISION)
(DIMETHYLAMINOAZORENE) (PEROXIDASES) (TRIPTOPHAN)
(CARCINOGENS) (GENETICS) (TUMOR VIRUSES)

GLINTER, E.

SCIENCE

Periodicals; BILOGIA Vol. 10, No. 6, 1955

GLINTER, E.: GINTEROVA, A.: NEMEC, P. Antibiotic properties of one strain
of asymmetric penicillin. p. 770

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 5,
May 1959, Unclass.

MAGIL'NITSKIY, S. G.; GLINTERNIK, S. L.

Streptomycin therapy for optic neuritis. Sov. med. 19 no.11:63-65
N '55
(MLRA 9:1)

1. Iz glaznogo otdeleniya (zav. S. G. Magil'nitskiy) pervoy Rizhskoy
gorodskoy klinicheskoy bol'niцы (glavnyy vrach E. V. Cherepovich)
(STREPTOMYCIN, therapeutic use,
neuritis, optic)
(NERVES, OPTIC, diseases,
neuritis, ther., streptomycin)
(NEURITIS,
optic, ther., streptomycin)

"APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000515410008-7

MOGIL'NITSKIY, S.G.; GLINTSCHNIK, S.L.

Bilateral lesions of the macula lutea following electrotrauma.
Vest. oft. 73 no. 1:33-40 Ja-F '60. (MIR 14:1)
(MACULA LUTEA--WOUNDS AND INJURIES) (ELECTRICITY, INJURIES FROM)

APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000515410008-7"

"APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000515410008-7

GLINTERNIK, S.L.

Blood transfusion in tuberculosis of the eyes. Vest, oft. 73
no. 1:40-41 Ja-F '60. (MIRA 14:1)
(EYE-TUBERCULOSIS) (BLOOD-TRANSFUSION)

APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000515410008-7"

GLINTERNIK, S. L., kandidat meditsinskikh nauk

Vascular tumors of the iris. (Work completed in the department of eye diseases of the I. M. Sechenov I. Moscow Medical Institute of the Order of Lenin). Vop. klin. lech. zlok. novoobraz. 7:37-47 '61.

1. Institut eksperimental'noy meditsiny AN Latvийskoy SSR (dir. akad. AN Latv. SSR P. Ya. Gerka).

(IRIS neopl) (HEMANGIOMA case reports)

GLINTERNIK, S.

Intermedin in complex therapeutical treatment with antituberculous preparation in the case of chororetinitis of tuberculous etiology with lasting alterations of the fundus oculi. Vestis Latv ak no.8: 97-103 '61.

1. Akademiya nauk Latviyskoy SSR, Institut eksperimental'noy meditsiny.

GLINTERNIK, S. [Glinternika, S.]

Hydrazide of cyanoacetic acid (cyanide) in the treatment of tuberculosis of the eye. Izv. AN Latv. SSR no. 5:127-130 '62. (MIRA 16:7)

1. Institut eksperimental'noy i klinicheskoy meditsiny AN Latviyskoy SSR.

(Eye--Tuberculosis) (Acetic acid)

CLFT KIK, U. R.

The following is an abstract of the dissertation of the Leninograd Polytechnic Institute imeni Mal'jain:

"Electromagnetic converters in Ionic Frequency Converters," 1 July 1951. An investigation was made of the electromagnetic processes in different systems of powerful frequency converters with single-anode tubes connected in parallel and in series. The author applies his conclusions and calculations in the determination of all energy characteristics of the operation of the frequency converters.

SO: M-1048, 28 Mar 56

GLINTERNIK, S.R.

Correlation between voltage and currents in ionic frequency converters.
Izv. AN SSSR Otd. tekh. nauk no. 11:1545-1560 N '53. (MLRA 6:12)

1. Predstavleno chlenom-korrespondentom Akademii nauk SSSR M.A. Shatgelenom.
(Electric current converters)

GLINTERNIK, S. R.

USSR/Electricity - DC transmission

Card : 1/1

Authors : Glinternik, S. R., Cand. of Tech. Sciences

Title : DC-current transmission lines

Periodical : Nauka i Zhizn' 6, 9 - 11, June 1954

Abstract : Report deals in the transmission of high voltage DC-current from electro-power source to the consumer (industry). Various electrical auxiliary devices (transformers, asynchronous motors etc) assisting in the transmission of DC-energy are described. Drawing.

Institution :

Submitted :

Translation M-320, 2 Apr 54

GLINTERNIK, S.R.

GLINTERNIK, S.R. (Leningrad).

Three-phase bridge-circuit ion frequency converter. Izv. AN SSSR Otd.
tekhn. nauk no. 10:141-152 0'54. (MLRA 8:3)

1. Energeticheskiy institut im. G.M.Krzizhanovskogo AN SSSR, Leninskaya energeticheskaya laboratoriya.
(Frequency changes)

NEYMAN, L.R.; GLINTERNIK, S.R., kandidat tekhnicheskikh nauk; YEMEL'YANOV, A.V., inzhener; SHIPULINA, N.A., kandidat tekhnicheskikh nauk.

Group connection of electron tubes as a means for increasing the reliability of high-power converters. Elektrichestvo no.6:54-59 Je '56.
(MLRA 9:9)

1.Chlen-korrespondent AN SSSR (for Neyman).2.Energeticheskiy institut imeni Krzhizhanovskogo AN SSSR (for Neyman, Glinter nik, Yemel'yanov).
3.Institut postoyannogo toka Ministerstva elektrostantsii (for Shipulina).

(Electron tubes)(Electric current converters)

AUTHOR GLINTACHEK S.R.
TITLE Calculation of Electromagnetic Processes in Electrostatic Converters.
PERIODICAL (Raschet elektromagnitnykh protsessov v ionnykh preobrazovatelyakh-Russian)
Elektrичество, 1957, v.17, Nr 5, pp 66-65, (U.S.S.R.)
Received 6/1957
Reviewed 7/1957

ABSTRACT In contrast to the methods of Kostenko and Neyman a calculation method is here proposed which rests on the acceptance of a straight line character of the commutation. The equations for the intensity of the current and voltage are deduced and also those for a three-phase bridge scheme of an ion transformer. The primary winding is governed in the triangle and the phase coefficient of the conversion is assumed to be $\sqrt{3}$. The machinery was investigated with 2 burning valves and then with three. By means of the investigation of the external characteristics of the transformer, the relation between the mean value of the equalizing voltage and that of the current is deduced. The equations for the basic oscillations of the currents and voltages are derived as well as the effective values. In conclusion the energy logarithm index of the transformer lay out is investigated and it is shown that the blind output along the alternating current circuit produces different values and, to be sure, diminishes them itself corresponding to the distance from the source of the alternating current MMF because of the magnitude of the production in the inductive resistances. The comparison of the approximated equations and the exact formulae shows that the acceptance of the straight line character of the commutation of currents leads to

Card 1/2

Calculation of Electromagnetic Processes in Electronic PA - 31c3
Converters.

no essential mistakes.
(With 1. illustrations and 4 Slavic references).

ASSOCIATION Krzhizhanovskiy Institute for Energy of the Scientific Academy of the
PRESENTED BY U.S.S.R.
SUBMITTED 3.9.1956
AVAILABLE Library of Congress
Card 2/2

SOW105-56-7-16/32

AUTHORS: Neyman, L. R., Corresponding Member, Academy of Sciences, USSR
Sobutov, V. V., Doctor of Technical sciences
Belent'yev, I. A., Doctor of Economic sciences
Ginternik, S. M., Candidate of Technical sciences
Avionik, V. N., Candidate of Technical sciences

TITLE: On the Prospects of Using Direct Current Transmissions in
the USSR (O perspektivakh primeneniya elektroperedach
postoyannogo toka v Sovetskem sovuze)

PERIODICAL: Elektrичество, 1958, Nr 7, pp. 31 - 74 (USSR)

ABSTRACT: This work comments on the article written by N. N. Mel'gunov
in Elektrичество, 1957, Nr 2. The following view is ex-
pressed: 1) If restrictions for the nominal output of long-
distance intermediate-system main electric transmission
lines comparison of alternating current- and direct current
transmissions must be carried out for optimum outputs.
2) In the case of a transmission of great amounts of energy
over long distances by utilizing the technical maximum capac-
acity of a line, the advantages in case of a direct current

Card 1/3

SOV/105-56-7-18/32

On the Prospects of Using Direct Current Transmissions in the USSR

transmission are so great with respect to capital investments and to annual expenses that they cover the amount of any possible error caused by estimating expenses. 3) The power moment per circuit may serve as a characteristic index for a large-scale main transmission. This index is equal to the product of the nominal output P of the circuit and the length L of the transmission line. In the case of $M < 1200 \text{ GW} \cdot \text{km}$ alternating current transmission, and in the case of $M > 2400 \text{ GW} \cdot \text{km}$ direct current transmission is more advantageous. 4) The existence of large hydroelectric power reserves and easily accessible coal deposits (which allow surface mining) of low heating value, in West- and Central Siberia without doubt makes it possible to use d.c. transmissions on the main lines in consideration of the great fuel deficit in the Urals and other Western areas. 5) Besides the continuation of work in the Institut postoyannogo toka (Institute of Direct Current), in the negativcheskiy institut akademii nauk SSSR (Institute of Power Engineering, AS USSR), in the Vsesoyuznyy elektritekhnicheskiy institut (All-Union Institute of Electro-Engineering) and in other organizations for the improvement of the circuits of

Card 2/3

307000-58-7-18-02
in the Prospects of Using Direct Current Transmissions in the USSR

Transforming stations and their elements especially in the field of direct current switches, - it is absolutely necessary to pay attention to the industrial production of this promising type of new engineering and to apply it under real operational conditions. From this point of view, the construction of the transmission of the hydroelectric power station Stalingrad - Donbass would also be necessary even if substantial additional sums would have to be invested, but this is, in reality, not the case. There are no obstacles.

ASSOCIATION: Energeticheskiy institut im. Krzhizhanovskogo (akademii nauk SSSR (Institute of Power Engineering imeni Krzhizhanovskiy, AS USSR))

1. Transmission lines--Performance

Card 5/5

9 (2)

SOVIAZ-58-12-4/18

AUTHOR: Glinternik, S.R., Candidate of Technical Sciences

TITLE: Simplified Estimation of Established Condition of Ionic Transformer with Condensers in its Main Circuit

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy - Energetika, 1958, Nr 12, pp 28-37 (USSR)

ABSTRACT: The use of condensers instead of synchronous compensators in transformers permits decreasing energy losses at the transformer substations, improves transformer performance, and imparts a number of other advanced features to it. Reference [17] L.R. Neyman and R.S. Glinternik "Increase of Inverter Stability by Connecting in Series Condensers on the Side of the Energy Input". The author analyzes the electromagnetic processes that pass in transformers having condensers in their main circuit by applying the method based on the assumption of a rectilinear nature of commutation currents. Fig 1 illustrates a three-phase ionic layout with condensers connected in series; in Fig 2, current curves and condenser

Card 1/3

SOV/43-58-12-4/18

Simplified Estimation of Established Condition of Ionic Transformer
with Condensers in its Main Circuit

tensions are given. Having determined the interdependence between the current intensities in different circuits of transformer, the author establishes the values of tension in condensers and transformer valves. Dependence between the mean value (U_d) of rectified tension, the rectified current (I_d) and the angles α and δ' is expressed by the function

$$U_d = \frac{3\sqrt{2}}{\pi} E_m \cos \frac{\delta'}{2} \cos (\alpha + \frac{\delta'}{2}) \text{ where } \alpha \text{ is the angle}$$

of ignition regulation and δ' - angle of commutation. The active values of currents (I_L) and tensions (U_c) on condensers, assuming the rectilinear nature of commutation, are expressed by the formulae:

$$I_L = \sqrt{\frac{2}{3}(1 - \frac{\delta'}{2\pi})} I_d = \sqrt{\frac{2}{3}(1 - \frac{\delta'}{4\pi})} I_d, \text{ and}$$

Card 2/3 $U_c = \frac{\sqrt{2}}{9} x_c I_d = 0.78 x_c I_d$, where x_c is condenser ca-

JCV/143-58-12-4/18

Simplified Estimation of Established Condition of Ionic Transformer
with Condensers in its Main Circuit

reactive resistance. The author proceeds by determining the harmonic composition of currents and tensions and gives their amplitudes. Finally, he gives pertinent equations expressing the tension on transformer busbars, active power and the coefficient of power of transformer, and the reactive power of transformer and condensers. There are 4 graphs, 1 figure and 2 Soviet references.

ASSOCIATION: Leningradskiy politekhnicheskiy institut imeni M.I. Kalinina (Leningrad Polytechnic Institute imeni M.I. Kalinin) Presented by 'Kafedra teoreticheskikh osnov elekrotekhniki' (Chair of Theoretical Principles of Electrical Engineering)

SUBMITTED: June 14, 1968

Card 3/3

PAGE 1 FOR INFORMATION		600/507
Abilities and skills	Mathematical Institute in G.M. Krishnamoorthy	
Professional experience:	Formerly participating in the O.M. Krishnamoorthy Program of P.W.R. Engineering; Collection of Articles Delivered to Aka- demy O.M. Krishnamoorthy, Moscow, 1979, Vol. II, Review also included.	
Area of publication:	B.D. Astanin, F.V. Dobrov, P.I. Fabrikant, A.V. Vistov, S.A. Kostylev, N.S. L'vov, V.A. Prusakov, Editorial Board: A.V. Vistov, Academy of Sciences of the USSR, V.I. Popov (Dspz. El.) Corresponding Member, B.Z. Chertkov, E.A. Dzhur, V.I. Koptev, A.G. Prosviryakov, M.A. Sviridov, G. S. Tikhonov, G. S. Tikhonov, Candidate of Technical Sciences, Prof. K. I. Kostylev, and others.	
Purpose:	His collection of articles is intended as a tribute to the memory of Academician O.M. Krishnamoorthy.	
Content:	The collection contains three sections: Physics of Plasma, Nuclear Physics and of the State of Matter. In total there are 1000 pages, 1000 figures, and 1000 tables. It consists of 100 articles, 1000 pages, 1000 figures, and 100 tables. The collection is intended for scientific purposes, for presentation of results, for discussion, and for future work activities.	
Editorial staff:	Some original portions of Pioneering Developments in Plasma Physics are included.	267
Editorial staff:	Methods of Determining Technical-Economic Indices of Plasma Processing	175
Editorial staff:	The Present State and Prospects of Plasma Use in Electrolytic Purification	186
Editorial staff:	Calculation of the Zeta Resistance of an Electric Double Layer	203
Editorial staff:	Electrokinetic Treatment of Soil	223
Editorial staff:	Static Characteristics for Electrokinetic Compensation of Liquid Discharge Arc Transmissions	224
Editorial staff:	Effect of Pressure and Polarizing Electrons on the Dynamic Stability of Ion-Debye鞘 Zone	232
Editorial staff:	On the Instability of the Method of the Electrokinetic Treatment for the Inactivation of Stability of Electrokinetic Vibration Disturbances	239
Editorial staff:	The Limit of Kinetic Stability of a Polymer-Statin Water-Phase Reaction in Relation to the Degree of Polymerization Stability	277
Editorial staff:	On the Connection of Chemical Reactions with Polymer Stability	283
Editorial staff:	Mathematical Optimization for the Electrokinetic Treatment of Soil Contaminated by the Heavy Metal Cadmium	291
Editorial staff:	Effect of Hydrodynamic Conditions on the Performance of Electrokinetic Removal of Vertical Soil	297
Editorial staff:	Calculation of Turbulent Friction in the Flow of a Compressed Gas over a Flat Plate	327
Editorial staff:	Investigation of the Structure of an Axially- symmetric Current Sheath in a Vacuum	343
Editorial staff:	Conditions for Proprietary Fusing Systems with Plasma Burner of Fuel	355
Editorial staff:	Karpov, Z.L., M.A. Slobodchikov, M.Ye. Shitova, R.A. Trunov, Editor-in-Chief, Scientific-Technical Periodical "Electro-	373
Editorial staff:	Best Estimate in a Series of Uncorrelated Events in the Presence of a Positive Present Current	403

LITERNIK, S.R.
G

14(1), 8(1) PAGE 1 BOOK EXPLOITATION SOV/1071

Akademicheskaya Nauka SSSR. Energeticheskaya Institut
Elektroenergetika, Typ. 1 (Electric Power Engineering, Mr. 1) Moscow,
Lidovo Av SSSR, 1659, 159 P. Printed slip imprinted, 2,800 copies.

Ed.: Ye. V. Zelenkov, House: P. P. Ogarkov and Ye. M. Grigor'yev; Tech.
Sci. of Technical Sciences (Responsible Editor Yu. G. Tolstov, Doctor
of Technical Sciences, I. S. Skokalnikov, Doctor of Technical Sci-
ences, P. I. Zubkov, Candidate of Technical Sciences, V. I. Levitov,
G. A. Rikhtaychik, Candidate of Technical Sciences, V. I. Levitov,
Candidate of Technical Sciences, and N. D. Bol'shov (Secretary).

PURPOSE: This collection of articles is intended for specialists in the
various fields of electric power engineering trained in it.
CONTENTS: The first issue of the collection of articles, entitled
"Electrical Power Engineering," appeared in April 1959. It is published by SSSR.
The articles in this issue are based on research and work by the
authors under the auspices of ERIN. The articles are on a high
theoretical and technical level and represent original contributions.
References to foreign publications on electrical engineering problems
are given after most of the articles.

TABLE OF CONTENTS:
Tolstov, Yu. G., and A. I. Sarkisov. Arc Rectifiers with Increased
Efficiency

In 1955 and 1956 several theoretical and experimental investi-
gations were made at the institution in order to determine the
possibility of using hot cathode arc rectifiers in order to increase the
efficiency of high-current direct-current power stations. The investi-
gations were aimed at improving the performance of high-current
rectifiers produced in Germany before and during the war. The
authors conclude that despite improvements in design and
processes of assembly, no noticeable increase in efficiency and
current density was obtained. The following investigations were carried out in order to find
improvements in the characteristics of high-current rectifiers.
In the investigation conducted together with N. A. Kostylev,
K. V. Kostylev, and N. A. Ponomarenko, the authors studied the
use of hot cathodes in the construction of high-current rectifiers.
Yu. G. Tolstov, Yu. N. Bykov, and V. A. Tikhonov studied the
use of hot cathodes in the construction of high-current rectifiers.
A. I. Sarkisov, A. I. Proshin, and others studied
the use of hot cathodes in the construction of high-current rectifiers.

Mikhailov, B. V., V. V. Kostylev, and S. V. Kostylev. The Use of DC
Rectifiers in Power Plants. In: "Electrical Power Engineering," No. 1, 1959.

The authors discuss the use of DC rectifiers in power plants and
industrial enterprises. They note that the use of DC rectifiers
in power plants is limited by the fact that they are not able to
generate alternating current. The authors also note that the
use of DC rectifiers in power plants is limited by the fact that
they are not able to generate alternating current.

Mikhailov, B. V., V. V. Kostylev, and S. V. Kostylev. The Use of DC
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GLINTERNIK, S.R. (Leningrad); YEMEL'YANOV, A.V. (Leningrad); NEYMAN, L.R.
(Leningrad); NOVITSKIY, V.G. (Leningrad)

Assurance of operational reliability of ionic converters in power
engineering systems. Izv. AN SSSR. Otd. tekhn. nauk. Energ. i avtom.
no.5:19-27 S-0 '59.
(MIRA 13:1)

1. Energeticheskiy institut AN SSSR.
(Electric current converters)

GLINTERNIK, S.R. (Leningrad); KOMONOV, V.P. (Leningrad); NEYMAN, L.R.
(Leningrad)

Effect of parallel switching-in of condensers on the operation
of an inverter. Izv. AN SSSR. Otd. tekhn. nauk. Energ. i avtom.
no.6:41-50 N-D '59. (MIRA 13:8)
(Electric current converters)

"APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000515410008-7

GLINTERNIK, S.R.

Elektromagnetic process in a two-bridge rectifier with series-connected condensers. Elektroenergetika no.2:115-133 '60.

(Electroc current converters) (MIRA 14:3)

APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000515410008-7"

GLINTERNIK, S.R. (Leningrad)

Calculation of established processes in two-bridge converters
with parallel-connected condensers. Izv. Akad. SSSR. Otd. tekh.
nauk. Energ. i avtom. no. 5:15-27 S-0 '60. (EIRA 15:11)
(Electric current converters)

OLINTERNIK, S.R., kand.tekhn.nauk (Leningrad)

Charts for determining the commutation angle of a three-phase
bridge-type rectifier. Elektrichesvo no.7:82-84. Jl 160.
(MIRA 13-6)
(Electric current rectifiers)

"APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000515410008-7

GUMMERIK, S.R.

Electromagnetic resonance in series connected condensers
connected condenser. Trudy IPI no. RC 412-433 11C.

(Electric current converters) (WIL 14:2)

APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000515410008-7"

"APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000515410008-7

GERTSENBURG, G.R.; GLIPTERNIK, S.R.; KASHTELYAN, V.Ye.; KICHAEV, V.V.;
NOVITSKIY, V.G.; SIRYY, N.S.

Study of the parallel operation of electric current generators
feeding two electric power systems via a.c. and d.c. power
transmission lines. Sbor. rat. po vop. elektromekh. no. 6:17-36
'61. (MIRA 14:9)
(Electric power distribution) (Electric generators)

APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000515410008-7"

"APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000515410008-7

GLINTEENIK, S.R.; KICHAYEV, V.V.; NOVITSKIY, V.G.

Characteristics of a d.c. power network constituting a part of
an a.c. power transmission system. Sbor. rab. po vop. elektromekh.
no.6:37-50 '61. (MIRA 14:9)
(Electric power distribution)

APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000515410008-7"

GLINTERNIK, S.R., kand.tekhn.nauk (Leningrad); KICHAYEV, V.V., inzh.
(Leningrad)

Calculation of the operation and steady-state characteristics
of a d.c. power transmission system connecting two power systems.
Elektrичество no.5:1-7 My '62. (MIRA 15:5)
(Electric power distribution--Direct current)

NEYMAN, Leopid Robertovich; GLINTHNIK, Saveliy Romanovich;
YEMEL'YANOV, Anatoliy Vladimirovich; NOVITSKIY, Viktor
Grigor'yevich; BARKOVSKIY, I.V., red. izd-va; BOCHVER,
V.T., tekhn. red.

[D.C. transmission lines as elements of power systems] Elektro-
peredacha posledovannogo toka kak element energeticheskikh
sistem. Moskva, Izd-vo Akad. nauk SSSR, 1962. 340 p.

(MIRA 15:10)

1. Chlen-korrespondent Akademii nauk SSSR (for Neyman).
(Electric power distribution--Direct current)
(Electric current converters)

KOSTENKO, M.P., akademik; NEYMAN, L.R.; GLINTERNIK, S.R., kand.tekhn.
nauk; KASHTELIAN, V.Ye., inzh.; NOVITSKIY, V.G., inzh.; SIRYY,
N.S., inzh.; GERTSENERG, G.R., kand.tekhn.nauk

Automatic control and stability during parallel operation of
the generators of an electric power plant feeding a.c. and d.c.
power transmission lines. Elektrichestvo no.10:1..9 0 '62.

(MKh 15:12)

1. Institut elektromekhaniki AN SSSR (for Kostenko, Neyman,
Glinternik, Kashtelyan, Novitskiy, Siryy). 2. Vsesoyuznyy
elektrotekhnicheskiy institut (for Gertsenberg). 3. Chlen-
korrespondent AN SSSR (for Neyman).

(Electric power distribution)

GLINTERNIK, S.R.

Special features of the operation of mercury converters with
condensers in the power circuits. Sbor.rab.po vop.elektromekh.
no.8:68-83 '63.

(MIRA 16:5)

(Electric power distribution--Direct current)
(Electric current converters)

GLINTERNIK, S.R.

Method for calculating steady-state characteristics of a
branched d.c. power transmission network interconnecting three
utility systems. Sber. rab. po vop. elektromekh. no. 10:81-97
'63.
(MIRA 17:8)

"APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000515410008-7

GLINTERNIK, S.R. (Leningrad)

Parameters and natural frequencies of large compensated mercury-arc
converters. Izv. AN SSSR. Energ. i transp. no.5:569-576 8-9 '64.
(MIRA 17:12)

APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000515410008-7"

"APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000515410008-7

GLINTERNIK, S.R. (Leningrad)

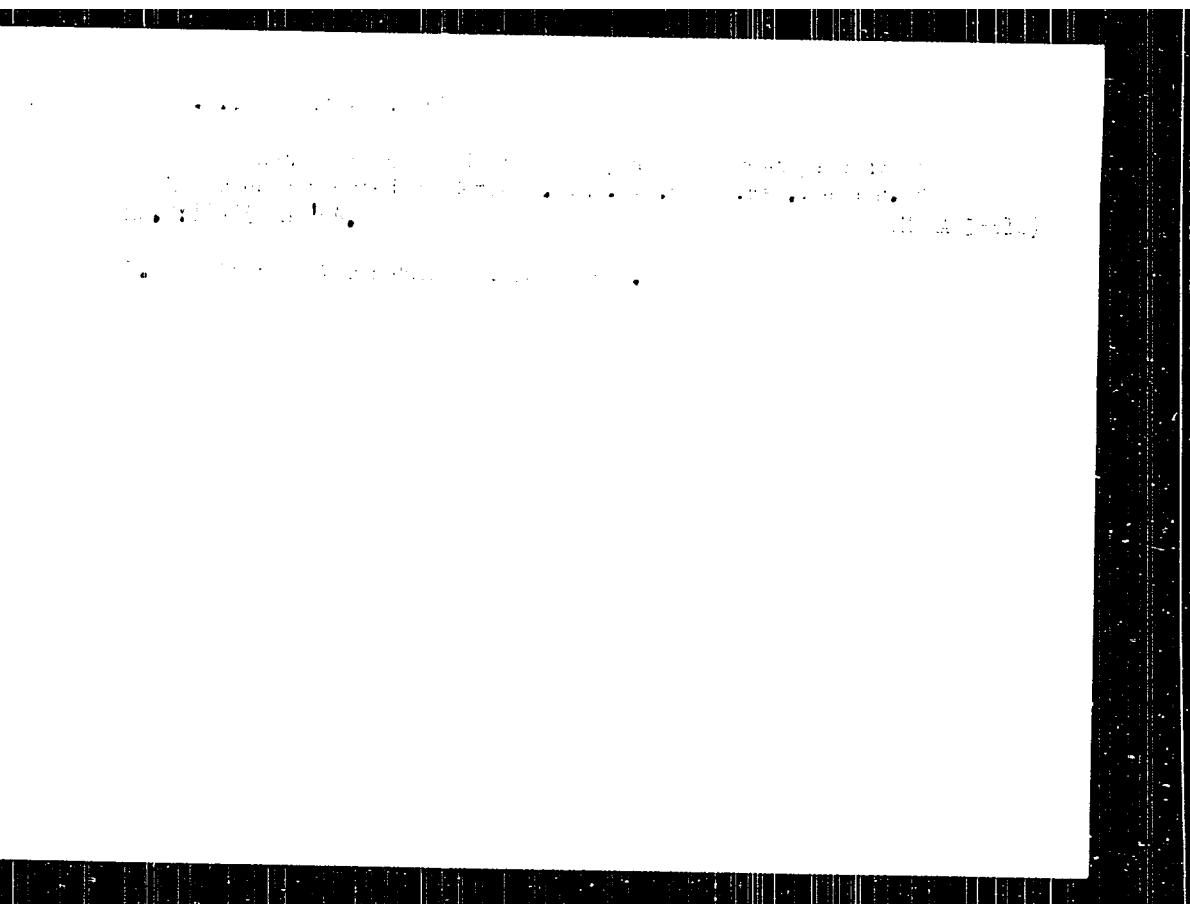
Electromagnetic processes in a three-phase bridge converter
with parallel connected capacitors. Izv. AN SSSR Energ. i transp.
6:651-669 N-D '64. (MIRA 18:3)

APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000515410008-7"

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CIA-RDP86-00513R000515410008-7



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CIA-RDP86-00513R000515410008-7"

L 39115-66 (1)

ACC NR: AP6030363

SOURCE CODE: UR/0281/66/000/002/0003/0012

AUTHOR: Glinernik, S. R. (Leningrad)

ORG: none

TITLE: Features of the combined transmission of alternating and direct current in power systems

SOURCE: AN SSSR. Izvestiya. Energetika i transport, no. 2, 1966, 3-18

TOPIC TAGS: electric power transmission, direct current, alternating current

ABSTRACT: The article deals with the effect of DC transmission on the regimes and stability of AC systems and briefly touches upon the problems of regulating system frequency with the aid of DC transmission. An approximate equivalent circuit of DC transmission linking two AC systems is described and its electrical parameters are calculated. The static and dynamic characteristics of DC transmission are discussed, and it is shown that the combined operation of DC and AC transmission systems can enhance the stability of electric systems owing to the possibilities for the special regulation of the power of DC transmission, and hence also it can increase the operating reliability of power grids, since DC transmission can be automatically adjusted according to the parameters of the regime of AC systems, with a concomitant improvement in static and dynamic stability of the AC transmission systems and damping of system oscillations.

Orig. art. has: 11 figures and 12 formulas. [JIRS: 37,061]

SUB CODE: 10, 09 / SUBM DATE: 16Dec65 / ORIG REF: 010

Card 1/1

UDC: 621.311.1.051.024/025

0918 1086

GLINTERNOKA, S.

Tubazid in the treatment of eye tuberculosis. In Russian. p. 133

LATVIAS PSR ZINATNU AKADEMIJA. VESTIS. RIGA, LATVIA. No. 3, 1959

Monthly List of East European Accessions. (EEAI) LC, Vol. 9, no. 2,
Feb. 1960 Uncl.

"APPROVED FOR RELEASE: 09/24/2001

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CIA-RDP86-00513R000515410008-7"

DANILEVSKIY, A.S.; GLINYANAYA, Ye.I.

Relation of the gonotrophic cycle and imaginal diapause of blood-sucking mosquitoes to variations in the length of the day, Uch. zap.
LGU no. 240:34-51 '58. (MIRA 11:9)
(Mosquitoes) (Photoperiodism) (Insects--Development)

GLINYANOY, S.G.

Use every means to improve the working conditions of postal carriers.
Vest. sviazi 20 no.10:23-24 0 '60. (MFA 13:11)

1. Zamestitel' nachal'nika Glavnogo pochtovogo upravleniya Ministerstva
svyazi RSFSR.
(Postal service--Letter carriers)

GLINYANOY, S.G.

The delivery of mail should receive undivided attention. Vest. sviazi 23
no. 3:18-21 Mr '63. (MIRA 16:3)

1. Zamestitel' nachal'nika Glavnogo pochтового upravleniya
Ministerstva svyazi RSFSR.
(Postal service)

"APPROVED FOR RELEASE: 09/24/2001

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CIA-RDP86-00513R000515410008-7"

GLINYANYY, N.P., kandidat biologicheskikh nauk.

Hereditary transformation of the Markiz spring wheat into winter
wheat. Agrobiologiya no.4:46-55 Jl-Ag '56. (MLRA 9:10)

1.Alma-Atinskiy gosudarstvennyy pedagogicheskiy institut imeni
Abnya, kafedra botaniki.
(Wheat) (Botany--Variation)

GLINYANY, N.P.; RAMAZANOV, K.

Variability of the Pseudoturcicum 2115 spring wheat produced by
growing conditions. Izv. AN Kazakh.SSR. Ser.biol. no.11:36-50 '56.
(MIRA 10:2)

1. Kafedra botaniki Alma-Atinskogo pedagogicheskogo instituta im.
Abaya.
(ALMA-ATA PROVINCE--WHEAT)

GLINYANYY, V.; DZHALILOV, Kh.; KOTIKOVA, V.; KHUSANOV, M.

Monetary payment of wages on collective farms in the Uzbek S.S.R.
Sots. trud 5 no.11:24-30 N '60. (MIRA 14:1)
(Uzbekistan--Collective farms--Income distribution)

GLINYANY, V.G.

Economic efficiency of mechanized cotton harvesting; based on
material from the Dal'verzin State Farm No.1, Tashkent Province.
Izv. AN Uz. SSR no. 9:13-22 '56. (MIRA 14:5)
(Cotton-picking machinery)

GLINYANYY, Valeriy Georgiyevich; UKTAM; KOCHEKOV, I.V., red.;
SALAKHUTDINOVA, A., tekhn. red.

[For high labor productivity; from the experience of the "Savai"
State Farm, Andizhan Province] Za vysokuiu proizvoditel'nost'
truda; iz opyta raboty sovkhosa "Savai" Andizhanskoi oblasti.
Tashkent, Gos.izd-vo Ussr, 1961. 40 p. (MIRA 15:1)
(Andizhan Province--Agriculture--labor productivity)

GLINYANYY, Valeriy Georgiyevich; RZHEVSKIY, Georgiy Konstantinovich;
GABRIYEL'YANTS, G.A., red.; BONDARENKO, N., red.; SALAKHUTDINOVA, A.,
tekhn. red.

[Producing inexpensive cotton with a high yield] Poluchenie vysokogo
i deshevogo urozhaiia khlopka; iz opyta raboty brigad kompleksnoi me-
khanizatsii v kolkhozakh i sovkhozakh Uzbekistana. Pod red. G.A.
Gabriel'iantsa. Tashkent, Gos. izd-vo Uzbekskoi SSR, 1961. 104 p.
(MIRA 14:11)

(Uzbekistan--Cotton growing)

ALTAYSKIY, I.P., kand. sel'khoz. nauk; CHECHIKOV, A.P., kand. ekon. nauk; MALIN, A.S., kand. ekon. nauk [deceased]; PODOVSKIY, V.A., kand. ekon. nauk; RODINOV, T.I., kand. ekon. nauk; GLINYANOV, V.G., kand. ekon. nauk; FAYEV, S.V., kand. sel'khoz. nauk; VINTAYKIN, Z.P., kand. ekon. nauk; DUDROV, I.T., kand. ekon. nauk; BULAKOV, N.A., kand. sel'khoz. nauk; LUK'YANOV, A.D., kand. sel'khoz. nauk; MAKITINA, Ye.D., red.; MOKLODOVA, N.N., tekhn. red.

[Production brigades on collective and state farms] / redit-
vodstvennye brigady v kolkhozakh i sovkhozakh. Moscow,
Sel'khozizdat, 1963. 374 p. (MIRA 17:1)
(Part management)

KUZNETS, KANDAKHAN YAKOVICH, 1900-1970, RUSSIAN CITIZEN,
Yu. N., inac.

Electromagnetic devices for reducing friction coefficient of
static friction. Izmer. vysokotekhnicheskikh protsessov i struktur, 1974, no. 1, p. 141-144.

1. Description of device. A small cylindrical electromagnet is wound with a coil of wire. It is placed between two parallel plates. The upper plate has a horizontal slot through which a metal ball passes. The lower plate has a horizontal slot through which a metal ball passes. The upper plate has a horizontal slot through which a metal ball passes. The lower plate has a horizontal slot through which a metal ball passes.

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APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000515410008-7"

GLIOZHENI, Koco, prof.

Obstetrical considerations on prematurity. Bul. univ. shtet.
Tirane[Mjek] 1:28-37 '63.

(INFANT, PREMATURE) (STATISTICS)
(PREGNANCY TOXEMIAS) (ALBUMINURIA)

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CIA-RDP86-00513R000515410008-7

BRKIC, Dorde; GLISIC, Ljubisa; BJEGOVIC, Nebojsa; PETROVIC, Boris

Congenital anomalies of the gallbladder. Srpski arh. celok. lek.
88 no.5:553-561 My '60.

1. Interna klinika A Medicinskog fakulteta Univerziteta u Beogradu.
Upravnik: prof. dr Branislav Stanojevic.

(GALLBLADDER abnorm)

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CIA-RDP86-00513R000515410008-7"

BRKIC, Dorde; GLISIC, Ljubisa; BABIC, Dusan; MICIC, Jovan; STAJNVL, Sonja

Pancreatic diseases. A 6-year experience. Srpski arh. celok. lek.
88 no.11:1057-1067 N '60.

1. Interna klinika A Medicinskog fakulteta Univerziteta u Beogradu.
Upravnik: prof. dr Branislav Stanojevic.

PANCREAS dis)

BRKIC, Dorde, prof., dr.; GLISIC, Ljubisa, dr.

Modern therapy of intestinal parasitoses. Med. glas. 16
no.6/6a:282-284 Je '62.

1, Interna klinika A Medicinskog fakulteta u Beogradu (Upravnik:
prof. dr. B. Stanojevic).
(ANTHELMINTICS)

5

BRKIC, Dörde, prof., dr.; GLISIC, Ljubisa, dr.

Role of intestinal parasites in allergy. Med. glas. 16
no.6/6a:259-261 Je '62.

1. Interna klinika A Medicinskog fakulteta u Beogradu (Upravnik:
prof. dr. B. Stanojevic).
(ALLERGY) (HELMINTIASIS)

BRKIC, Dj., prof., dr.; GLISIC, Lj., dr.

Modern treatment of pancreatitis. Med. glas. 16 no.10/12:
430-433 O-D '62.

1. Interna klinika A Medicinskeg fakulteta u Beogradu
(Upravnik prof. dr. B. Stanojevic).
(PANCREATITIS)

BRKIC, Dorde; BABIC, Dusan; GLISIC, Ljubisa

Congenital aneurysm of cerebral blood vessels with pulsating
exophthalmos. Srpski arh. celek. lek. 90 no.2:139-147 F '62.

1. Interna klinika A Medicinskog fakulteta Univerziteta u
Beogradu Upravnik: prof. dr. Branislav Stanojevic.
(CEREBRAL ANEURYSM case reports)
(EXOPHTHALMOS case reports)

S

BRKIC, Dordi; GLI P, Ljubisa; BRDZERIC, Sivojin; BJELOVIC, Nebojsa;
BANKOVIC, Stanoje

Biliary dyskinesias, Srpski arh. celok. lek. 90 no.3:245-261
Mr 160.

1. Interna klinika A Medicinskog fakulteta Univerziteta u
Beogradu Upravnik prof. dr Branimir Stanojevic.
(BILIARY TRACT dis)

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RE: "Wardje; GLISIC, Milivoj

1. [REDACTED]

2. [REDACTED]

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CIA-RDP86-00513R000515410008-7"

Medicina

BRKIC, Djordje, Dr, prof, GMISIO, Ijubisa, Dr; Department A of the Clinic for Internal Medicine, Faculty of Medicine, University of Belgrade (Head: BRKIC, Djordje, Dr, prof) (Interna klinika A Medicinskog fakulteta, Univerziteta u Beogradu), Belgrade.

"Intestinal Dyspepsia"

Belgrade, Medicinski Glasnik, Vol 19, No 11-12, Nov-Dec 1955,
pp 309-312

Abstract: The authors give a tabular presentation of the types of dyspepsia and the causes of dyspeptic lesions. An ethiopathogenetic discussion is presented on factors leading to dyspeptic fermentation: A-dislocation of fermented carbohydrates as a consequence of disturbances in fermentation, resorption, motility, and food(quality, quantity, and manner in which food is taken); B-dislocation of the bacterial flora; C-Changes in number and type of bacteria. Emotional stress, aerophagia, poor eating habits, exaggerated diets(usually vitamin-deficient), and smoking are diagnostic factors. Carefully selected diets according to examination and diagnosis are bases for treatment. 1 Yugoslav, 5 Western references.

1/1

diagnosis

YUGOSLAVIA

GLISIC, Vukasin; First Surgery Clinic of Medical Faculty of University
(I hirurska klinika Medicinskog fakulteta Univerziteta); Head (Upravnik)
Prof Dr Bogdan KOSANOVIC, Belgrade.

"Intestinal Suction by Means of the Müller-Abbott Tube."

Belgrade, Srpski Arhiv za Tselokupno Lekarstvo, Vol 91, No 4, Apr 63; pp
399-409.

Abstract : Didactic description of indications and precautions as well as
technical procedures in intestinal drainage by means of the Müller-Abbott
sound, with brief data on 519 patients with 19 diagnostic categories so
treated in 1951-1962; several recovered after this although they had
been practically given up as moribund. Seven case reports; Photograph,
4 roentgenograms, table; 2 Yugoslav and 5 Western references.

1/1

GLISIN, V.; SIMIC, M.; CIRKOVIC, D.

A simple chromatographic method for determining specific activity of the bases in marked nucleinic acids. Byl sc Youg '7 no.1/2:14 F-Ap '62.

1. Institut "B. Kidric," Vinca, Beograd.

*

GLIOZHENI, Koco, prof. dr.

Therapy of female sterility due to tubal obstruction with prednisolone injections. Shendet. pop. 23 no.5:11-15 '62.

1. Shef' i Katedres Obstet.-Gjinekologjise.
(PREDNISOLONE) (FALLOPIAN TUBES) (STERILITY FEMALE)

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CIA-RDP86-00513R000515410008-7

GLASIC, Ljubivoje (Beograd, Nisavska 8)

Analysis of the realization of the plan "for 1960-1961" of the
inland navigation branch, "Kopravstvo i vodni put" (Balkan)

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CIA-RDP86-00513R000515410008-7"

GLISIC, M.

"Treatment of acacia seeds before sowing." p. 71, (NARODNI SUMAR, Vol. 5, no. 2/3,
Feb./Mar. 1951, Sarajevo, Yugoslavia)

SO: Monthly List of East European Accessions, Vol. 2, #8, Library of Congress
August, 1953, Uncl.